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| Form PTO-1390<br>OFFICE  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK  |  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br><br><b>GC832-US</b><br><br>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>[Unassigned] <b>10/990956</b> |  |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/US2005/010242</b>  | INTERNATIONAL FILING DATE<br><b>25 March 2005<br/>(25.03.2005)</b> | PRIORITY DATE CLAIMED<br><b>25 March 2004<br/>(25.03.2004)</b>  |  |
| TITLE OF THE INVENTION<br><b>Cellulase Fusion Protein and Heterologous Cellulase Fusion Construct Encoding the Same</b>  |  |   |  |
| APPLICANT(S) FOR DOE/EO/US<br><br><b>BOWER, Benjamin S., 8479 Mayhews Landing Road, Newark, CA 94560, U.S.A.<br/>LARENAS, Edmund A., 301 Nevada, Moss Beach, CA 94038, U.S.A.<br/>MITCHINSON, Colin, 381 Myrtle Street, Half Moon Bay, CA 94019, U.S.A.</b>  |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (do/eo/us) the following items and other information: <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor/s (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document/s or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing according to PCT Rule 13ter.2 and 37 CFR.1.621-1.825</li> <li>18. <input type="checkbox"/> A second copy of the published international Application under 35 USC 154(4)(4)</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the Int'l Appln. under 35 USC 154(4)(4)</li> <li>20. <input checked="" type="checkbox"/> Other items of information:             <ul style="list-style-type: none"> <li>■ Copy of the International Search Report</li> </ul> </li> </ol> |  |   |  |

U.S. APPLICATION NO. (if known, see 37 CFR 1.53)

Unassigned

INTERNATIONAL APPLICATION NO.

PCT/US2005/010242

ATTORNEY'S DOCKET NUMBER

GC832-US

**The following fees are submitted:**

21. ☒ Basic National Fee \$ 300
22. ☒ Examination fee  
If International Prelim Examination Report prepared  
by USPTO and all claims satisfy provision of  
PCT Article 33(1)-(4), examination fee will be waived  
All other situations \$ 200
23. ☒ Search fee  
☐ Search fee has been paid on the International Application  
To the USPTO as an International Searching Authority \$ 100  
☒ International Search Report prepared and provided  
To the Office \$ 400  
☐ All other situations \$ 500

## CALCULATIONS

## PTO USE ONLY

\$300

\$200

\$400

\$900

**TOTAL of 21, 22 and 23**

- ☐ Additional fee for specification and drawings filed in paper over  
100 sheets (excluding seq listing or computer program listing).  
The fee is \$250 for each additional 50 sheets of paper or  
Fraction thereof

Total sheets    Extra Sheets    Number of each additional    Rate  
50 or fraction thereof  
(round up to whole number)

- 100 =                  /50 =                  \$250

\$

Surcharge of \$130 for furnishing the oath or declaration later than  
30 months from the earliest claimed priority date (37 CFR 1.492(4)).

\$

| CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE                      |
|---|--------------|--------------|---------------------------|
| Total Claims  | 53           | - 20 =       | 33                        |
| Independent claims  | 7            | - 3 =        | 4                         |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |              | +                         |
| SUBTOTAL =  |              |              | \$2,450                   |
| Processing fee of \$130 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). |              |              | +                         |
| TOTAL NATIONAL FEE =  |              |              | \$                        |
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a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. **07-1048** in the amount of \$3,350 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **07-1048**. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

**Victoria L. Boyd**  
GENENCOR INTERNATIONAL, INC.  
925 PAGE MILL ROAD  
PALO ALTO, CALIFORNIA 94304-1013

Tel. 650-846-4072  
Fax 650-845-6504

SIGNATURE

**Victoria L. Boyd**  
(printed name)

Registration Number: **43,510**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

In re Patent Application of

Bower et al.

US Serial No. [please provide]

Based on PCT/US20005/010242, filed 25.03.2005

For: **Cellulase Fusion Protein and  
Heterologous Cellulase Fusion Construct  
Encoding the Same**

**TRANSMITTAL  
OF PATENT APPLICATION  
UNDER 35 USC 371**

EV514828100US

I hereby certify that this paper and attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated hereunder and is addressed to the **Mail Stop PCT**, Commissioner of Patents, PO Box 1450, Alexandria, VA. 22313-1450

Date: 28 August 2006

By: Carol A. See  
Carol A. See

**Mail Stop PCT**

Honorable Commissioner of Patents  
PO Box 1450  
Alexandria, VA. 22313-1450

Dear Sir:

Attached, for entering the national phase of International Patent Application PCT/US2005/010242, are the following documents:

1. Form PTO 1390 - Transmittal Letter to the US DO/EO/US Concerning a Filing under 35 USC 371;
2. International Patent Publication WO 2005/093050, and
3. Copy of International Search Report.

Respectfully submitted,

GENENCOR INTERNATIONAL, INC.

Date: 28 August 2006

By: Victoria L. Boyd  
Victoria L. Boyd  
Reg. No. 43,510

925 Page Mill Road  
Palo Alto, California 94304-1013  
Tel. 650-846-7615